

CLAIMS

I claim:

1. A method for supporting data streaming by a SCSI initiator using a Packetized SCSI Protocol, said method comprising:

receiving a data packet information unit in a Packetized SCSI Protocol Data In phase by said SCSI initiator; and

receiving a signal by said SCSI initiator in said Packetized SCSI Protocol Data In phase to indicate whether a header packet information unit or another data packet information unit is to be received next in said Packetized SCSI Protocol Data In phase.

2. The method of Claim 1 wherein said receiving a signal further comprises:

receiving a signal from a parity signal line
of a SCSI bus.

3. The method of Claim 2 wherein said receiving a signal further comprises:

interpreting an asserted signal to indicate said header packet information unit is to be received next in said Packetized SCSI Protocol Data In phase.

4. The method of Claim 1 wherein said receiving a signal further comprises:

interpreting an asserted signal, on a line of a SCSI bus, to indicate said header packet information unit is to be received next in said Packetized SCSI Protocol Data In phase.

Figure 1 consists of 11 sub-diagrams labeled (a) through (k), illustrating the temporal evolution of a vortex core. Each diagram shows a cross-section of a fluid with a central vortex core. (a) shows a single, roughly circular vortex core with a central singularity. (b) through (j) show the core elongating and developing a secondary vortex core. (k) shows the final state with two distinct vortex cores.

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receiving a plurality of data packet information units, one immediately after another, by said SCSI initiator in said Packetized SCSI Protocol Data In phase.

determining whether a signal on a SCSI bus line has been asserted during said Packetized SCSI Protocol Data In phase to indicate transmission of another header packet information unit in said Packetized SCSI Protocol Data In phase.

receiving said another header packet information unit by said SCSI initiator in said Packetized SCSI Protocol Data In phase upon determining said signal has been asserted.

receiving another data packet information unit by said SCSI initiator in said Packetized SCSI Protocol Data In phase following receipt of said another header packet information unit.

receiving a header packet information unit in
said Packetized SCSI Protocol Data In phase;
receiving a data packet information unit in
said Packetized SCSI Protocol Data In phase; and

determining whether another header packet information unit is to be received next in said Packetized SCSI Protocol Data In phase.

5 10. The method of Claim 9 where said determining further comprising:

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10 interpreting an asserted signal, on a SCSI bus line during said Packetized SCSI Protocol Data In phase, to indicate transmission of another header packet information unit in said Packetized SCSI Protocol Data In phase.

15 11. The method of Claim 10 further comprising:
receiving said another header packet information unit by said SCSI initiator in said Packetized SCSI Protocol Data In phase.

20 12. The method of Claim 11 further comprising:
receiving another data packet information unit by said SCSI initiator in said Packetized SCSI Protocol Data In phase following receipt of said another header packet information unit.

25 13. The method of Claim 9 further comprising:
receiving another data packet information unit by said SCSI initiator in said Packetized SCSI Protocol Data In phase upon determining not to receive another header packet information unit.

30 14. A SCSI initiator device comprising:
a read streaming module configured to perform a method comprising:
receiving a data packet information unit in a Packetized SCSI Protocol Data In phase;

receiving a signal in said Packetized
SCSI Protocol Data In phase to indicate
whether a header packet information unit or
another data packet information unit is to be
received next in said Packetized SCSI
Protocol Data In phase; and

interpreting an asserted signal to
indicate said header packet information unit
is to be received next in said Packetized
SCSI Protocol Data In phase.

15. The SCSI initiator device of Claim 14 wherein
said receiving a signal further comprises:

receiving a signal from a parity signal line
of a SCSI bus.

16. The SCSI initiator device of Claim 15 wherein
said receiving a signal further comprises:

interpreting an asserted signal to indicate
said header packet information unit is to be
received next in said Packetized SCSI Protocol
Data In phase.

17. The SCSI initiator device of Claim 14 wherein
said receiving a signal further comprises:

interpreting an asserted signal, on a line of
a SCSI bus, to indicate said header packet
information unit is to be received next in said
Packetized SCSI Protocol Data In phase.

18. A SCSI initiator device comprising:

a read streaming module configured to perform
a method comprising:

receiving a header packet information unit in said Packetized SCSI Protocol Data In phase;

receiving a data packet information unit in said Packetized SCSI Protocol Data In phase;

determining whether to receive another header packet information unit in said Packetized SCSI Protocol Data In phase; and

interpreting an asserted a signal on a SCSI bus line, during said Packetized SCSI Protocol Data In phase, to indicate another header packet information unit is to be received next in said Packetized SCSI Protocol Data In phase.

19. The SCSI initiator device of Claim 18, said method further comprising:

receiving said another header packet information unit in said Packetized SCSI Protocol Data In phase.

20. The SCSI initiator device of Claim 19, said method further comprising:

receiving another data packet information unit in said Packetized SCSI Protocol Data In phase.